



# **FARM FACTS**

**for**

# **KANSAS**

# **1998**

Kansas Department of Agriculture

U.S. Department of Agriculture

# Kansas Farm Facts

## KANSAS AGRICULTURAL STATISTICS INFORMATION FOR 1996 AND PRELIMINARY ESTIMATES FOR 1997



### INTRODUCTION

The Kansas Department of Agriculture's statistics division, widely known as Kansas Agricultural Statistics, is jointly funded by the State and USDA's National Agricultural Statistics Service. The program of statistical reports ranges from weekly Crop-Weather reports during the March-November growing season to monthly, quarterly, and annual data series, many of which are summarized in this publication.

This publication provides a continuing series of data of critical importance in measuring the success and progress of Kansas agriculture. The current facts and trends shown are essential to our farmers as they make their production and marketing decisions. They are also of utmost importance to agribusiness firms as they work with farmers to improve the overall efficiency of agriculture by better planning to meet the needs of production agriculture in delivering input supplies and in providing viable markets. Reliable data, such as those shown on the pages which follow, are essential to the economic efficiency of the agribusiness segment which is of critical importance to the Kansas economy.

I want to convey my personal thanks to the thousands of Kansas farmers and agribusiness firms who have responded to the many surveys conducted by Kansas Agricultural Statistics. Your response to those surveys is the foundation upon which our data system is based and in responding, you have made an important contribution to the Kansas economy.

Alice Devine  
Kansas Secretary of Agriculture

## KANSAS AGRICULTURAL STATISTICS PROCEDURES AND STAFF

Information is collected in many ways: mail surveys, telephone contacts, personal interviews, and in-the-field observations.

Most estimates are based on probability sample surveys. That is, information collected from a scientifically selected sample of all producers is used to estimate the activities of the entire group. Sampling is not only less costly in time and money than a complete count, but can be more accurate because reporting errors and data-handling errors are minimal compared to those in a complete count or census.

Program content is planned to provide a comparable series of data over time--for example, Kansas wheat and corn production estimates date back to 1866--but also to meet current needs to the extent permitted by available resources. Data user meetings and close contact with farm and industry groups are utilized to maintain the relevance of the data provided.

Kansas Agricultural Statistics staff includes highly trained agricultural statisticians with farm backgrounds and extensive experience in Kansas and other states, a support staff of statistical assistants, computer personnel, and printing-mailing specialists. Eddie Wells is the Deputy State Statistician. Estimates statisticians include Ronald L. Sitzman, Quentin Wearne, Deonne McCray, Mike Miller, Sherri Hand, and Billie Jo Atkinson. Survey statisticians are Dan Kolterman and Deonne McCray, assisted by Research Analyst Dona Schmitz. Ronald A. Sadler, Systems Analyst, and Melvin E. Perott, Programmer, lead computer activities. Candace S. Thomas provides research and editorial assistance, while Judy Allison is our designer and DeskTop Publisher. Reproduction and distribution is handled in our printing office by Dan Blick and David Judd. In addition, a field and telephone staff of part-time enumerators, working under the direction of field supervisors, collect data by personal and telephone interview. The office staff and crew of enumerators join me in thanking the many farmers and agri-business firms who provide the data and assist in planning our program of statistics.

Eldon J. Thiessen  
State Statistician

### TABLE OF CONTENTS

1997 Agricultural Highlights . . . . .	ii - iii
General Statistics . . . . .	2 - 9
Crop Statistics . . . . .	10 - 75
Livestock Statistics . . . . .	76 - 100
Economic Statistics . . . . .	101 - 104
Historic Statistics . . . . .	105 - 111
Index. . . . .	112 - 114



Kansas Department of Agriculture  
U.S. Department of Agriculture  
632 SW Van Buren, Rm. 200  
P.O. Box 3534  
Topeka, Kansas 66601-3534  
Phone: (785) 233-2230

For information, questions, or comments relating to this publication, please contact Kansas Agricultural Statistics.

The photo's for the front of this year's Farm Facts Bulletin was provided by Steve Hessman and taken at Wright, Kansas. Pictures are of the Right Coop in Wright, Kansas showing surplus sorghum in 1997.

## 1997 AGRICULTURAL HIGHLIGHTS

In 1997, Kansas farmers set new records in wheat, corn, and soybean production. Wheat yield was also a record high, while soybean yield tied the previous high set in 1992 and 1996. Cattle and hog prices were mixed. Farmland values continued their upward swing.

Kansas farmers entered the year with continued improvement in their financial condition. Total net farm income was \$1.89 billion in 1996, up from the 1995 level of \$0.90 billion. Kansas farmers have paid down debt during the last few years, resulting in debt/asset ratios at the end of 1996 dropping from the previous year and the average value of farm equity increasing.

Wheat, corn, and sorghum prices for calendar year 1997 were below previous year levels all year. Soybean prices were mixed, with February through July and November showing increases while January, August through October, and December were below previous year levels. Hay prices were above year-ago levels the first ten months but started a downward swing in November. Cattle prices showed an increase over last year in every month except September, October, and November; however they still remained well below 1993 levels. Hog prices were mixed in 1997, increasing from as much as \$12.10 a hundredweight above the 1996 levels to \$10.80 a hundredweight below the last half of that year.

Seeding of the 1997 wheat crop started in western districts by the 8th of September. Rains during late September slowed seeding and by October 1 only one-fifth of the acreage was in the ground, well behind the average of 46 percent. Fair weather followed during the first three weeks of October, and farmers rapidly seeded the majority of the remaining 1997 wheat crop. Significant moisture was lacking across Kansas during December and January. The winter wheat crop lacked snow cover during periods of cold temperatures. Condition of the crop dropped to 75 percent good to excellent by the end of January, primarily as a result of low soil moisture supplies and cold temperatures. Warming temperatures late in February moved the crop toward breaking dormancy. A hard freeze on April 12th and the 13th raised concern of major damage in the southwest and south central districts. After suffering damage from the freeze, the Kansas wheat crop benefited from very moderate temperatures and overcast days during much of May. Wheat harvest began slowly but by July 7, had surged ahead to two-thirds completion, and by July 14th was coming to an end across the State.

Planting of fall crops began slowly for corn but progressed to ahead of normal quickly. Condition of the fall crops remained mostly good to excellent all season. The hot dry weather in July caused some decline of crop conditions and kept crop development at a normal or ahead of normal pace. In early August, scattered showers and cooler temperatures gave the fall crops time to mature more normally. Fall harvest began in mid-September and was ahead of normal until an early season snowstorm in late October slowed progress. Wheat seeding for the 1998 harvest began slowly in early September with short moisture conditions in numerous areas. Rain in late September delayed completion of seeding but provided some much needed moisture. Emergence was good and condition of the wheat crop was rated 77 percent good to excellent by the end of November.

Wheat farmers in Kansas set a new record, producing 506.0 million bushels of wheat in 1997, up 98 percent from the 1996 crop and surpassing the previous record set in 1990 by 7 percent. The yield also set a new record, at 46.0 bushels per acre, compared to 29.0 bushels last year and the previous record of 41.5 bushels set in 1983. The acreage harvested for grain, at 11.0 million acres, was up 25 percent from 1996. The marketing year average price, at \$3.20 per bushel, was down \$1.43 from last year but produced a value of production of \$1.619 billion, up

37 percent from 1996. Kansas regained its first place status as the number one wheat state in the nation after losing it to North Dakota the previous two years.

Corn production set another new record in 1997, at 386.1 million bushels, and was up 8 percent from the previous record of 357.2 million bushels set in 1996. The yield was estimated at 143.0 bushels per acre, down 9 bushels from last year. Acreage harvested for grain, at 2.70 million, was up 15 percent from 1996. This was the eighth year in a row that corn production exceeded sorghum production. Based on the preliminary 1997 marketing year average price, the value of production for the 1997 corn crop will be \$1.023 billion, 1 percent above the 1996 value.

Grain sorghum production in Kansas was 273.0 million bushels, down 23 percent from last year's record crop of 354.2 million bushels. The yield averaged 78.0 bushels per acre, 1 bushel above last year but 2 bushels below the record set in 1992. Harvested acreage for grain, at 3.50 million acres, was 24 percent below 1996. The preliminary 1997 marketing year average price indicates a value of production of \$587.0 million, 27 percent lower than 1996. Kansas retained its title as the number one sorghum grain producing state.

The soybean crop also set a new production record of 88.8 million bushels, up 20 percent from 1996's record crop of 74.0 million bushels. Yield, at 37.0 bushels per acre, tied the previous record high set in 1996 and 1992. Harvested acreage also set a new record of 2.40 million acres, 400,000 acres above last year. Based on the preliminary marketing year average price, the value of production for the 1997 crop will be \$572.8 million, 8 percent above 1996.

All hay production totaled 6.84 million tons, down 2 percent from 1996. Acres harvested, at 2.70 million acres, was up 8 percent from last year. The all hay marketing year average price was \$85.50 per ton, producing a farm value of \$554.0 million, up 2 percent from 1996. Grazing and stock water supplies were adequate throughout 1997.

All cattle and calves on Kansas farms and ranches on January 1, 1998 totaled 6.55 million head, down 1 percent from January 1, 1997. This is the second highest inventory level since 1984. This is the first time in the last five years that Kansas has shown a decrease in inventory numbers. The 5.7 million head of cattle marketed during 1997 were up 4 percent from last year and 9 percent from two years ago. Fed cattle marketings in 1997 were 5.2 million head, up 5 percent from the previous year. Beef cattle prices were above year ago levels the first eight months but fell off for September, October, and November; then they rebounded in December. Cash receipts from the sale of cattle were \$4.35 billion, up 10 percent from 1996.

The 1997 quarterly hog inventories in Kansas were above 1996 levels in March and June but fell below in September and December. There were 1.45 million head of hogs and pigs on Kansas farms on December 1, 1997. Total cash receipts from hogs were \$409.7 million, up 25 percent from 1996.

\* \* \* \* \*

Most reports released by Kansas Agricultural Statistics are now also available on the World Wide Web. The home page address for Kansas Agricultural Statistics on the World Wide Web is:

<http://www.nass.usda.gov/ks/>

\* \* \* \* \*

KANSAS FARM FACTS

KANSAS' RANK IN U.S. AGRICULTURE, 1997

Crop or Livestock Item	Production or Number	Rank <u>1/</u>	Kansas Number as % of U.S. Total
Wheat Flour Milled . . . . .	39,175,000 cwt.	1	9.7
Wheat Flour Milling Capacity, Nov. 1, 1997 . . . .	154,640 cwt.	1	11.1
Sorghum Grain Produced . . . . .	273,000,000 bu.	1	41.8
Sorghum Silage Produced . . . . .	1,280,000 tons	1	32.9
All Wheat Produced . . . . .	506,000,000 bu.	1	20.0
Cattle Slaughtered . . . . .	7,368,600 head	2	20.3
Cropland <u>2/</u> . . . . .	31,119,250 acres	2	7.1
Prime Farmland <u>3/</u> . . . . .	23,411,200 acres	2	7.0
Cattle and Calves on Grain Feed, Jan. 1, 1998 . .	2,370,000 head	2	17.4
Red Meat Production by Com'l. Slaughter Plants .	5,444,200,000 lbs.	2	12.6
All Cattle and Calves on Farms, Jan. 1, 1998 . . .	6,550,000 head	3	6.6
Land in Farms . . . . .	47,800,000 acres	3	4.9
Commercial Grain Storage Capacity, Dec. 1, 1997	742,220,000 bu.	3	9.3
Sunflowers . . . . .	247,200,000 lbs.	3	6.6
All Hay Produced . . . . .	6,840,000 tons	5	4.5
All Other Hay (All Excluding Alfalfa) . . . . .	3,240,000 tons	6	4.4
Exports of Farm Products, FY 1997 . . . . .	2,650,300,000 dol.	6	4.6
Cash Receipts from Farm Marketings, 1997 <u>4/</u> . .	9,001,475,000 dol.	6	4.3
Beef Cows, Jan. 1, 1998 . . . . .	1,461,000 head	7	4.3
Irrigated Acres <u>2/</u> . . . . .	2,680,343 acres	7	5.0
Corn Grain Produced . . . . .	386,100,000 bu.	8	4.1
Alfalfa Hay Produced . . . . .	3,600,000 tons	9	4.5
Hogs on Farms, Dec. 1, 1997 . . . . .	1,430,000 head	10	2.4
Soybeans Produced . . . . .	88,800,000 bu.	10	3.3
Market Sheep and Lambs, Jan. 1, 1998 . . . . .	40,000 head	11	1.9
Dry Edible Beans . . . . .	380,000 cwt.	11	1.3
Oats Produced . . . . .	5,120,000 bu.	12	2.9
Corn Silage Produced . . . . .	2,250,000 tons	12	2.4
All Sheep and Lambs on Farms, Jan. 1, 1998 . . .	120,000 head	13t	1.6
Rye Produced . . . . .	300,000 bu.	13	3.4
Barley Produced . . . . .	320,000 bu.	24	.1
Eggs Produced . . . . .	322,000,000 num.	34	.4

1/ A small t after the ranking means a tie.

2/ Total cropland, 1992 U.S. Census of Agriculture.

3/ Prime farmland is the land best suited to producing food, feed, forage, fiber, and oilseed crops. 1992 National Resource Inventory issued by National Resources Conservation Service.

4/ Preliminary.

KANSAS FARM FACTS

KANSAS AGRICULTURAL EXPORTS

Commodity	1993	1994	1995	1996	1997
Million Dollars					
Wheat & Flour . . . . .	735.6	663.3	907.2	863.4	498.2
Total Feed Grains . . .	361.7	398.8	492.2	638.3	607.5
Live Animals & Meat (Excluding Poultry) . .	559.9	587.3	772.0	788.0	628.1
Hides & Skins . . . . .	211.4	235.1	323.3	289.3	282.7
Soybeans & Products . .	190.5	160.4	210.1	186.3	287.4
Feeds & Fodders . . .	122.9	144.6	164.8	184.2	188.9
Fats, Oils, & Greases .	82.1	81.9	148.5	113.7	85.0
Seeds . . . . .	21.4	18.3	17.3	21.0	38.5
Sunflowers & Oils . .	13.1	14.4	28.0	20.1	26.1
Dairy Products . . . . .	11.8	10.0	6.9	3.3	3.9
Other . . . . .	3.9	3.7	3.5	3.9	4.0
Total	2,314.3	2,317.6	3,073.8	3,111.8	2,650.3

LEADING STATES IN U.S. AGRICULTURAL EXPORTS  
SELECTED COMMODITIES, FISCAL YEAR 1997

Commodity Group	United States	Leading 10 States by Value									
		1	2	3	4	5	6	7	8	9	10
Million Dollars											
Total	57365.1	Cal.	Iowa	Ill.	Neb.	Texas	Kans.	Minn.	Ark.	Wash.	Ind.
		7694.4	4145.9	3748.1	3308.1	3053.6	2650.3	2610.5	1918.1	1857.0	1852.7
Soybeans & Products	9253.6	Iowa	Ill.	Minn.	Ind.	Ohio	Mo.	Neb.	Ark.	S. Dak.	Kans.
		1615.0	1549.5	870.8	791.1	610.4	582.0	526.1	435.0	352.6	287.4
Feed Grains & Prods.	8447.6	Iowa	Ill.	Neb.	Minn.	Kans.	Ind.	Mo.	S. Dak.	Texas	Wis.
		1504.0	1300.4	1120.5	783.5	607.5	587.2	354.4	336.9	329.5	296.9
Live Animals & Meat	4893.4	Neb.	Texas	Kans.	Iowa	Colo.	Ill.	Minn.	Ky.	Cal.	Wis.
		737.0	654.9	628.1	482.1	249.5	213.3	202.9	189.1	159.4	150.7
Wheat & Products	4331.1	Kans.	N. Dak.	Wash.	Ark.	Mont.	Ind.	Ohio	Mo.	S. Dak.	Okla.
		498.2	458.7	380.1	238.1	234.9	233.1	192.9	177.2	174.6	162.8
Vegetables & Prep.	4088.6	Cal.	Wash.	Idaho	Wis.	Minn.	Ore.	Mich.	Fla.	N. Dak.	Colo.
		1977.4	416.8	253.8	205.7	168.6	161.8	136.4	111.5	102.2	80.5
Fruits & Prep.	3418.2	Cal.	Fla.	Wash.	Ore.	N.Y.	Mich.	Haw.	Texas	Ariz.	Penn.
		1757.0	615.0	538.2	80.7	80.2	75.4	62.8	43.2	39.5	30.1
Poultry & Products	2832.3	Ark.	Ga.	N. C.	Ala.	Miss.	Cal.	Texas	Va.	Mo.	Del.
		413.0	387.0	327.3	281.4	205.7	141.4	140.3	109.6	108.7	89.9
Cotton & Linters	2441.4	Texas	Cal.	GA.	Miss.	Ark.	La.	N.C.	Ariz.	Ala.	Tenn.
		564.2	373.9	264.6	238.8	208.2	163.7	127.5	112.8	100.4	85.9
Feeds & Fodders	1811.2	Neb.	Texas	Kans.	Iowa	Minn.	Ill.	Colo.	N. Dak.	Fla.	Wis.
		249.2	199.8	188.9	126.8	118.6	89.6	75.5	70.1	66.1	62.2
Hides & Skins	1693.2	Neb.	Kans.	Texas	Colo.	Wis.	Iowa	Minn.	Ill.	Cal.	Penn.
		304.1	282.7	258.2	120.1	93.8	72.5	63.4	50.1	48.8	48.8
Tobacco, Unmfd.	1611.6	N. C.	Ky.	S. C.	Ga.	Va.	Tenn.	Conn.	Mass.	Fla.	Ind.
		598.6	387.5	120.5	116.7	110.0	108.2	70.6	25.2	20.9	14.9
Tree Nuts	1280.0	Cal.	Ga.	Ore.	Haw.	Texas	N. M.	La.	Ala.	Miss.	S. C.
		1190.8	22.4	21.3	13.2	8.9	4.9	3.6	3.1	0.6	0.6
Rice	961.8	Ark.	Cal.	La.	Texas	Miss.	Mo.				
		411.0	185.2	151.5	109.7	74.6	29.7	NA	NA	NA	NA
Seeds	912.9	Cal.	Ore.	Iowa	Ill.	Minn.	N. Dak.	Neb.	Kans.	Fla.	Mo.
		148.4	140.5	64.0	57.6	44.6	44.4	44.3	38.5	29.3	28.2
Dairy Products	868.7	Wis.	Cal.	Minn.	Penn.	N. Y.	Idaho	Wash.	Iowa.	Ohio	Texas
		204.3	152.1	74.6	46.8	45.8	39.7	31.7	24.9	23.6	23.5
Fats, Oils, & Greases	523.4	Neb.	Kans.	Texas	Iowa	Colo.	Minn.	Ill.	Wis.	Penn.	Cal.
		95.8	85.0	77.4	41.4	32.1	21.4	21.3	20.3	15.6	14.6
Peanuts & Products	274.2	Ga.	Texas	Ala.	N.C.	Fla.	Va.	Okla.	N. M.	S. C.	
		107.4	51.6	33.7	27.5	17.7	16.4	14.6	2.8	2.4	NA
Sunflower Seed & Oil	260.4	N. Dak.	S. Dak.	Kans.	Minn.	Colo.	Neb.	Texas			
		127.7	77.8	26.1	13.6	9.3	3.6	2.4	NA	NA	NA
Cottonseed & Products	110.4	Texas	Cal.	Miss.	Ga.	Ark.	La.	N.C.	Ariz.	Ala.	Tenn.
		27.6	15.8	11.4	10.5	9.8	7.7	5.3	5.0	4.2	4.1
Other	7350.9	Cal.	Texas	Ill.	Fla.	Wash.	La.	Iowa	Ore.	Ga.	Ark.
		1376.0	317.0	265.0	240.0	238.3	216.7	167.1	145.8	145.1	133.5

NA = Not Applicable

KANSAS FARM FACTS

STOCKS OF GRAIN BY QUARTERS, 1995-97

Crop and Quarter	1995			1996			1997		
	Farm Stocks	Off-Farm Stocks	Total Stocks	Farm Stocks	Off-Farm Stocks	Total Stocks	Farm Stocks	Off-Farm Stocks	Total Stocks
<b>WHEAT</b>	1,000 Bushels								
September 1 (Prev. Yr.)	45,000	260,233	305,233	30,000	206,431	236,431	33,000	146,327	179,327
December 1 (Prev. Yr.)	31,000	185,388	216,388	18,000	149,201	167,201	17,000	92,012	109,012
March 1 . . . . .	12,000	103,096	115,096	7,500	85,253	92,753	9,500	87,064	96,564
June 1 . . . . .	6,000	45,968	51,968	2,500	37,548	40,048	2,500	31,333	33,833
<b>OATS</b>									
September 1 (Prev. Yr.)	1,800	2,128	3,928	1,900	1,372	3,272	1,600	1,940	3,540
December 1 (Prev. Yr.)	1,200	1,974	3,174	1,500	1,315	2,815	1,300	1,418	2,718
March 1 . . . . .	1,000	913	1,913	600	682	1,282	800	1,200	2,000
June 1 . . . . .	600	809	1,409	450	476	926	800	835	1,635
<b>BARLEY</b>									
September 1 (Prev. Yr.)	250	176	426	*	185	*	*	*	*
December 1 (Prev. Yr.)	200	130	330	*	*	*	*	*	*
March 1 . . . . .	100	116	216	*	*	*	*	44	*
June 1 . . . . .	80	65	145	*	*	*	*	50	*
<b>CORN</b>									
December 1 (Prev. Yr.)	75,000	128,958	203,958	48,000	96,529	144,529	90,000	135,307	225,307
March 1 . . . . .	46,000	91,220	137,220	24,000	67,703	91,703	55,000	95,848	150,848
June 1 . . . . .	22,000	44,292	66,292	8,000	32,917	40,917	31,000	42,550	73,550
September 1 . . . . .	9,000	12,848	21,848	4,000	4,463	8,463	9,500	10,831	20,331
<b>SORGHUM GRAIN</b>									
December 1 (Prev. Yr.)	47,000	135,863	182,863	32,000	104,400	136,400	70,000	168,905	238,905
March 1 . . . . .	30,000	92,476	122,476	17,000	55,307	72,307	35,000	96,000	131,000
June 1 . . . . .	14,000	45,447	59,447	7,000	27,325	34,325	17,000	32,840	49,840
September 1 . . . . .	7,000	17,919	24,919	3,000	6,205	9,205	8,000	14,100	22,100
<b>SOYBEANS</b>									
December 1 (Prev. Yr.)	19,000	54,339	73,339	12,000	39,330	51,330	16,000	46,266	62,266
March 1 . . . . .	13,500	38,273	51,773	7,000	30,499	37,499	8,000	23,155	31,155
June 1 . . . . .	6,500	21,403	27,903	4,400	21,206	25,606	3,500	11,840	15,340
September 1 . . . . .	3,500	8,527	12,027	1,000	5,435	6,435	1,200	3,286	4,486

\* Not published to avoid disclosure of individual operations.

COMMERCIAL GRAIN STORAGE CAPACITY

Date	1991	1992	1993	1994	1995	1996	1997
1,000 bushels							
December 1	883,300	861,490	836,040	834,010	817,020	761,920	742,220



**KANSAS FARM FACTS**

**FLOUR AND MILL FEED PRODUCTION, 1989-97**

Year	Number of Plants	Wheat Ground	Flour Produced		Mill Feed Produced	
			Quantity	Value	Quantity	Value
		(000 Bu.)	(000 Sacks)	(\$000)	(Tons)	(\$000)
1989	19	95,804	43,722	465,639	774,764	64,770
1990	18	92,102	41,883	362,288	720,388	54,533
1991	18	87,871	39,704	332,720	706,731	46,715
1992	18	89,301	39,590	395,504	716,579	51,235
1993	18	91,498	40,654	413,858	731,772	51,663
1994	18	93,955	42,698	445,340	781,373	59,931
1995	19	91,226	40,082	478,980	737,509	56,419
1996	19	83,538	37,600	484,288	665,520	79,330
1997 1/	18	85,809	39,175	417,997	665,975	56,874

1/ Preliminary.

**SOYBEAN OIL AND MEAL PRODUCTION, 1989-97**

Year	Number of Plants	Soybean Oil	Soybean Meal	Combined Value
		(000 Lbs.)	(Tons)	(\$000)
1989	4	529,091	1,135,482	354,707
1990	4	588,115	1,272,381	365,922
1991	4	597,687	1,251,004	352,036
1992	4	593,873	1,254,895	349,394
1993	4	594,594	1,261,592	385,186
1994	4	585,568	1,252,780	391,367
1995	4	684,252	1,447,213	435,421
1996	5	626,128	1,323,166	474,173
1997	4	743,137	1,498,078	568,878

1/ There are six oilseed processors in Kansas. Only 4 are included here, as we were unable to get permission to report results from all six processors.

**COMMERCIAL FEEDS, 1989-97 1/**

Year	Number of Feed Manufacturers Registered	Commercial Feeds Sold 2/		Customer Formula Feeds	Total Commercial and Customer Formula Feeds
		Quantity	Value		
		(000 Tons)	(\$000)	(000 Tons)	(000 Tons)
1989	861	2,222	544,390	618	2,840
1990	812	2,420	544,500	867	3,287
1991	839	2,831	622,820	709	3,540
1992	825	2,677	599,648	812	3,489
1993	882	2,671	622,343	787	3,458
1994	1,073	2,787	666,093	747	3,534
1995	866	2,568	577,800	871	3,439
1996	837	2,296	626,808	668	2,964
1997	839	2,186	629,568	748	2,934

1/ Not an enumeration. Data based on voluntary reporting. 2/ Commercial feeds include manufactured formula feeds and feed ingredients.

**TOTAL FERTILIZER SOLD IN KANSAS, 1975-97**

Fiscal Year (July 1-June 30)	Fall	Spring	Total	Fiscal Year (July 1-June 30)	Fall	Spring	Total
----- Tons -----							
1975-76	721,369	905,326	1,626,695	1986-87	515,024	756,136	1,271,160
1976-77	704,346	932,896	1,637,242	1987-88	659,920	752,097	1,412,017
1977-78	544,958	861,252	1,406,210	1988-89	732,078	658,801	1,390,879
1978-79	672,009	906,341	1,578,350	1989-90	706,926	777,490	1,484,416
1979-80	858,105	779,045	1,637,150	1990-91	802,036	732,266	1,534,302
1980-81	830,065	769,022	1,599,087	1991-92	675,658	893,338	1,568,996
1981-82	763,359	695,387	1,458,746	1992-93	723,562	993,413	1,716,975
1982-83	704,022	626,855	1,330,877	1993-94	810,070	971,672	1,781,742
1983-84	746,625	764,603	1,511,228	1994-95	855,609	844,917	1,740,526
1984-85	718,226	861,170	1,579,396	1995-96	872,754	834,271	1,707,025
1985-86	503,903	826,763	1,330,666	1996-97	806,668	1,077,624	1,884,292

## KANSAS FARM FACTS

## FARM, CROP, AND LIVESTOCK INFORMATION, 1997

COUNTY AND DISTRICT	NUMBER OF FARMS	TOTAL LAND IN FARMS, ACRES	TOTAL ACRES HARVESTED	TOTAL VALUE OF FIELD CROPS 1/ DOLLARS	TOTAL VALUE OF LIVESTOCK & POULTRY PRODUCED 2/ DOLLARS
CHEYENNE .....	430	612,000	199,440	34,246,700	16,183,220
DECATUR .....	430	540,000	220,970	35,474,400	25,990,830
GRAHAM .....	390	518,000	141,410	20,938,400	9,331,020
NORTON .....	420	477,000	215,600	35,602,100	15,771,830
RAWLINS .....	500	662,000	238,420	36,099,400	12,100,720
SHERIDAN .....	490	550,000	271,520	63,678,600	19,522,030
SHERMAN .....	500	634,000	332,520	60,985,800	13,676,320
THOMAS .....	540	707,000	380,520	70,357,000	15,823,830
<b>NORTHWEST .....</b>	<b>3,700</b>	<b>4,700,000</b>	<b>2,000,400</b>	<b>357,382,400</b>	<b>128,399,800</b>
GOVE .....	460	680,000	218,520	36,561,400	24,108,420
GREELEY .....	250	445,000	232,490	36,001,500	20,444,120
LANE .....	300	438,000	179,260	27,810,400	26,911,630
LOGAN .....	360	620,000	177,610	26,640,200	16,266,520
NESS .....	540	685,000	226,600	32,746,800	11,001,620
SCOTT .....	360	495,000	233,440	48,036,800	104,061,330
TREGO .....	440	495,000	165,510	25,134,400	11,842,920
WALLACE .....	270	485,000	139,450	28,011,400	7,316,220
WICHITA .....	320	457,000	237,920	49,149,000	64,209,920
<b>WEST CENTRAL ...</b>	<b>3,300</b>	<b>4,800,000</b>	<b>1,810,800</b>	<b>310,091,900</b>	<b>286,162,700</b>
CLARK .....	240	582,000	99,500	14,338,800	28,673,910
FINNEY .....	520	750,000	395,100	100,789,950	117,471,310
FORD .....	710	680,000	355,510	72,620,400	89,529,710
GRANT .....	260	358,000	217,920	56,058,300	98,912,220
GRAY .....	490	531,000	368,900	102,151,200	68,481,210
HAMILTON .....	240	545,000	217,600	31,210,100	54,118,020
HASKELL .....	260	372,000	301,700	94,509,900	80,318,620
HODGEMAN .....	370	495,000	177,420	27,839,500	30,224,610
KEARNY .....	280	530,000	228,450	55,419,500	53,613,910
MEADE .....	420	602,000	220,700	54,675,000	20,583,820
MORTON .....	220	432,000	179,070	24,788,550	70,031,620
SEWARD .....	260	342,000	184,430	47,494,700	110,105,310
STANTON .....	240	422,000	216,400	57,368,900	44,312,010
STEVENS .....	290	459,000	267,000	64,283,300	54,005,020
<b>SOUTHWEST .....</b>	<b>4,800</b>	<b>7,100,000</b>	<b>3,429,700</b>	<b>803,548,100</b>	<b>920,381,300</b>
CLAY .....	620	390,000	252,500	49,113,600	24,417,600
CLOUD .....	610	415,000	256,450	48,217,300	9,526,740
JEWELL .....	670	496,000	244,590	42,027,800	22,222,340
MITCHELL .....	540	500,000	292,000	51,959,100	21,693,040
OSBORNE .....	530	570,000	244,760	40,378,400	13,487,840
OTTAWA .....	520	392,000	220,600	42,811,900	15,749,140
PHILLIPS .....	560	602,000	221,320	35,981,800	20,909,240
REPUBLIC .....	730	450,000	314,910	59,052,400	21,998,940
ROOKS .....	440	595,000	190,400	27,952,800	11,047,740
SMITH .....	620	555,000	248,800	43,025,600	17,752,140
WASHINGTON .....	860	535,000	307,270	51,079,300	41,561,940
<b>NORTH CENTRAL ..</b>	<b>6,700</b>	<b>5,500,000</b>	<b>2,793,600</b>	<b>491,600,000</b>	<b>220,366,700</b>
BARTON .....	820	598,000	383,620	81,031,800	48,193,070
DICKINSON .....	960	520,000	324,890	68,330,300	32,568,100
ELLIS .....	710	565,000	189,710	29,344,600	21,413,040
ELLSWORTH .....	430	450,000	142,570	24,017,500	8,960,140
LINCOLN .....	510	495,000	177,180	32,663,200	13,852,340
MCPHERSON .....	1,260	535,000	390,080	84,589,500	29,797,130
MARION .....	1,060	591,000	345,460	64,890,250	41,830,770
RICE .....	520	430,000	299,100	63,885,000	30,451,990
RUSH .....	500	433,000	191,030	31,841,900	6,293,540
RUSSELL .....	510	470,000	157,640	26,174,450	8,203,140
SALINE .....	720	413,000	256,020	48,390,200	18,222,040
<b>CENTRAL .....</b>	<b>8,000</b>	<b>5,500,000</b>	<b>2,857,300</b>	<b>555,158,700</b>	<b>259,785,300</b>

## KANSAS FARM FACTS

## FARM, CROP, AND LIVESTOCK INFORMATION, 1997

COUNTY AND DISTRICT	NUMBER OF FARMS	TOTAL LAND IN FARMS, ACRES	TOTAL ACRES HARVESTED	TOTAL VALUE OF FIELD CROPS 1/ DOLLARS	TOTAL VALUE OF LIVESTOCK & POULTRY PRODUCED 2/ DOLLARS
BARBER .....	440	665,000	182,110	27,260,200	28,039,620
COMANCHE .....	270	540,000	113,720	15,005,400	14,496,520
EDWARDS .....	330	420,000	220,550	53,116,000	17,314,520
HARPER .....	570	530,000	318,930	49,791,200	21,199,520
HARVEY .....	830	325,000	287,500	61,316,800	19,861,650
KINGMAN .....	810	565,000	317,950	50,851,400	18,749,320
KIOWA .....	320	420,000	148,170	30,598,800	10,266,120
PAWNEE .....	440	470,000	271,700	63,772,400	36,794,820
PRATT .....	450	454,000	270,360	65,694,400	32,667,420
RENO .....	1,550	774,000	495,550	95,363,400	37,271,850
SEDGWICK .....	1,600	555,000	411,660	82,678,800	36,193,300
STAFFORD .....	490	460,000	295,820	65,185,000	24,411,720
SUMNER .....	1,200	722,000	581,680	97,883,100	18,622,420
<b>SOUTH CENTRAL . .</b>	<b>9,300</b>	<b>6,900,000</b>	<b>3,915,700</b>	<b>758,516,900</b>	<b>315,888,800</b>
ATCHISON .....	670	254,000	151,300	30,298,600	11,914,820
BROWN .....	670	350,000	267,910	63,641,900	14,900,520
DONIPHAN .....	510	205,000	153,200	43,876,600	7,160,520
JACKSON .....	1,000	348,000	155,500	27,283,900	16,740,620
JEFFERSON .....	1,020	278,000	165,210	32,670,000	13,669,420
LEAVENWORTH .....	1,060	210,000	114,980	22,264,200	15,247,810
MARSHALL .....	990	584,000	350,960	69,855,000	19,272,620
NEMAHA .....	1,090	449,000	250,030	53,047,000	49,281,220
POTTAWATOMIE .....	770	457,000	163,700	33,394,900	23,610,920
RILEY .....	520	240,000	110,210	20,445,100	10,614,020
WYANDOTTE .....	200	25,000	11,500	2,226,800	1,365,110
<b>NORTHEAST . . . . .</b>	<b>8,500</b>	<b>3,400,000</b>	<b>1,894,500</b>	<b>399,004,000</b>	<b>183,777,600</b>
ANDERSON .....	670	379,000	217,750	47,357,500	20,715,420
CHASE .....	270	354,000	53,410	10,250,600	23,620,830
COFFEY .....	560	354,000	188,800	36,740,300	12,112,600
DOUGLAS .....	910	225,000	143,920	29,684,600	10,156,320
FRANKLIN .....	920	318,000	164,420	35,805,300	16,193,120
GEARY .....	260	165,000	69,260	16,232,300	11,813,720
JOHNSON .....	650	143,000	79,450	14,824,700	9,818,620
LINN .....	750	274,000	132,700	25,421,500	12,393,720
LYON .....	850	487,000	176,750	32,099,000	38,198,630
MIAMI .....	1,230	288,000	162,400	28,715,000	15,410,630
MORRIS .....	490	410,000	147,220	27,751,900	21,783,020
OSAGE .....	860	351,000	187,200	37,217,000	10,781,120
SHAWNEE .....	860	228,000	123,300	29,911,100	6,089,020
WABAUNSEE .....	620	424,000	110,820	23,941,300	16,388,030
<b>EAST CENTRAL . . . .</b>	<b>9,900</b>	<b>4,400,000</b>	<b>1,957,400</b>	<b>395,952,100</b>	<b>225,474,800</b>
ALLEN .....	620	283,000	151,800	29,268,000	11,761,510
BOURBON .....	780	340,000	144,010	24,560,200	15,041,310
BUTLER .....	1,250	766,000	251,230	44,597,000	50,211,010
CHAUTAUQUA .....	360	388,000	41,800	7,425,300	15,172,320
CHEROKEE .....	750	276,000	223,000	43,323,400	21,317,610
COWLEY .....	940	630,000	252,040	44,711,300	23,473,120
CRAWFORD .....	800	304,000	197,810	39,319,500	13,162,120
ELK .....	380	326,000	53,200	8,978,500	12,557,410
GREENWOOD .....	570	605,000	81,110	12,404,600	28,893,810
LABETTE .....	890	348,000	206,250	38,171,700	24,558,910
MONTGOMERY .....	900	325,000	133,630	24,672,500	13,080,020
NEOSHO .....	680	328,000	159,010	33,284,800	15,384,720
WILSON .....	540	314,000	173,300	31,629,400	12,893,810
WOODSON .....	340	267,000	118,410	21,342,600	8,700,320
<b>SOUTHEAST . . . . .</b>	<b>9,800</b>	<b>5,500,000</b>	<b>2,186,600</b>	<b>403,688,800</b>	<b>266,208,000</b>
STATE .....	64,000	47,800,000	22,846,000	4,474,942,900	2,806,445,000

1/ Does not include any Government Program payments. 2/ Includes meat animals, chickens, eggs, turkeys, wool, and milk.

**PRECIPITATION IN KANSAS, 1997 AND AVERAGE**  
Inches of Water

Month	N.W.		W.C.		S.W.		N.C.		C.		S.C.		N.E.		E.C.		S.E.		STATE	
	1997	Avg*	1997	Avg*	1997	Avg*	1997	Avg*	1997	Avg*	1997	Avg*	1997	Avg*	1997	Avg*	1997	Avg*	1997	Avg*
Jan	0.08	0.42	0.07	0.42	0.26	0.38	0.03	0.52	0.02	0.59	0.23	0.60	0.26	0.86	0.69	1.05	0.49	1.21	0.24	0.67
Feb	1.08	0.46	1.24	0.50	0.73	0.52	1.58	0.67	2.40	0.79	2.04	0.86	2.79	0.90	3.44	1.04	4.59	1.35	2.20	0.79
Mar	0.03	1.46	0.00	1.39	0.00	1.25	0.15	2.06	0.07	2.14	0.28	2.05	0.24	2.38	1.03	2.69	1.91	3.04	0.43	2.04
Apr	0.86	1.82	1.25	1.64	2.08	1.58	2.72	2.34	2.94	2.51	3.77	2.36	5.38	3.00	4.16	3.30	3.19	3.38	2.89	2.42
May	1.86	3.69	1.98	3.17	2.19	3.01	2.33	4.02	3.48	3.83	3.34	3.71	3.33	4.76	6.29	4.70	5.47	5.11	3.39	3.96
Jun	3.02	3.34	4.02	3.01	3.96	2.96	3.53	3.84	3.98	4.24	5.73	4.09	2.49	5.21	3.44	5.54	6.75	5.18	4.26	4.12
Jul	2.20	3.07	3.61	2.90	2.46	2.74	2.34	3.32	4.01	3.34	3.55	3.00	3.28	3.77	3.68	3.56	4.14	3.40	3.26	3.20
Aug	3.99	2.32	5.11	2.38	5.54	2.39	3.12	3.23	5.30	3.23	5.51	3.07	3.86	3.96	4.38	3.84	4.33	3.84	4.65	3.12
Sep	1.77	1.79	1.59	1.88	1.36	1.91	3.05	3.01	3.54	2.99	3.72	2.92	2.62	4.47	3.49	4.35	4.72	4.46	2.91	3.05
Oct	3.75	1.21	2.89	1.12	2.99	1.08	3.10	1.88	2.71	2.24	3.16	2.11	4.08	3.06	3.53	3.23	3.31	3.59	3.24	2.15
Nov	0.60	0.79	0.51	0.82	0.29	0.79	1.05	1.10	0.57	1.34	0.54	1.40	1.64	1.84	2.47	2.16	1.56	2.70	0.98	1.44
Dec	0.74	0.47	1.24	0.48	1.82	0.45	1.68	0.72	2.35	0.84	2.58	0.94	2.49	1.20	2.51	1.39	3.41	1.61	2.13	0.90
Ann	19.98	20.84	23.51	19.71	23.68	19.06	24.68	26.71	31.37	28.08	34.45	27.11	32.46	35.41	39.11	36.85	43.87	38.87	30.59	27.86

\*Long-time weather average, 1961-1990.

**TEMPERATURES IN KANSAS, 1997 AND AVERAGE**  
Degrees Fahrenheit

Month	N.W.		W.C.		S.W.		N.C.		C.		S.C.		N.E.		E.C.		S.E.		STATE	
	1997	Avg*	1997	Avg*	1997	Avg*	1997	Avg*	1997	Avg*	1997	Avg*	1997	Avg*	1997	Avg*	1997	Avg*	1997	Avg*
Jan	26.4	27.3	28.0	28.7	30.4	30.6	26.2	26.1	28.6	28.1	31.3	30.7	26.3	26.0	27.2	27.9	29.2	30.8	28.5	28.7
Feb	30.9	32.3	32.2	33.7	35.1	35.6	32.0	31.3	34.5	33.3	37.1	36.0	34.2	31.2	35.8	33.1	37.7	36.1	34.6	33.9
Mar	42.5	40.2	44.4	41.7	46.8	44.1	45.4	41.7	47.0	43.6	48.7	45.8	46.6	42.7	46.9	44.3	47.2	46.7	46.3	43.7
Apr	44.6	51.3	45.6	52.7	47.1	54.9	47.3	53.6	49.2	55.0	50.6	56.8	50.1	54.8	50.6	55.9	51.7	57.8	48.6	54.9
May	57.8	60.9	59.1	62.2	61.4	64.1	59.1	63.4	61.2	64.6	63.2	65.9	60.3	64.5	60.6	65.1	62.0	66.3	60.7	64.2
Jun	70.8	71.2	71.1	72.4	71.5	74.1	72.8	73.5	73.2	74.5	73.6	75.7	73.3	73.5	72.9	73.7	72.8	74.8	72.5	73.9
Jul	76.8	77.5	77.0	78.4	78.6	79.6	78.6	79.5	79.1	80.4	79.7	81.3	79.0	78.7	78.3	79.1	78.5	80.3	78.5	79.6
Aug	73.3	75.0	73.8	76.0	75.4	77.3	75.6	76.8	76.3	78.1	76.4	79.2	75.5	76.4	75.5	77.1	75.6	78.5	75.3	77.3
Sep	67.9	65.5	68.5	66.8	69.8	68.5	70.1	67.4	71.0	68.9	72.0	70.4	70.0	67.9	70.1	68.8	70.8	70.4	70.1	68.5
Oct	52.5	53.6	53.6	55.1	56.0	57.0	56.5	55.8	58.2	57.5	59.0	59.0	58.2	56.7	58.4	57.7	58.7	59.4	56.9	57.0
Nov	37.1	39.4	38.0	40.9	39.8	43.0	38.8	41.3	41.0	43.1	42.5	44.8	40.3	42.9	41.6	44.4	42.8	46.4	40.4	43.1
Dec	30.2	29.6	30.0	31.1	31.1	33.1	30.6	29.6	32.7	31.6	34.1	33.7	31.8	30.1	33.9	32.1	35.0	34.8	32.3	32.0
Ann	50.9	51.9	51.8	53.2	53.6	55.2	52.8	53.3	54.3	54.9	55.7	56.6	53.8	53.8	54.3	54.9	55.2	56.9	53.7	54.7

\*Long-time weather average, 1961-1990.

## KANSAS PRECIPITATION - 1997



	NW	WC	SW	NC	C	SC	NE	EC	SE	STATE
1997 Average	19.98	23.51	23.68	24.68	31.37	34.45	32.46	39.11	43.87	30.59
Departure From Normal	-0.86	+3.80	+4.62	-2.03	+3.29	+7.34	-2.95	+2.26	+5.00	+2.73
% of Normal	96	119	124	92	112	127	92	106	113	110

1997 Average  
Departure from Normal  
& of Normal

